

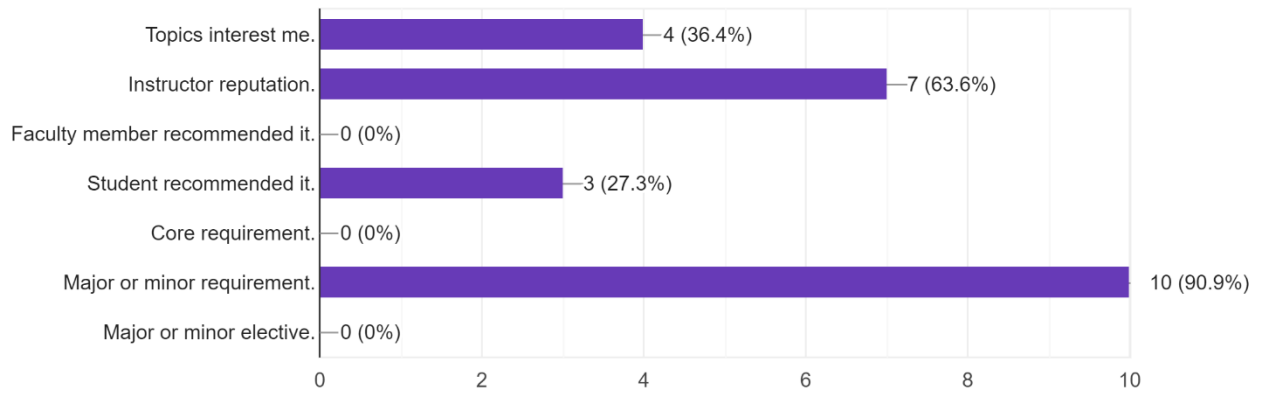
Spring 2021 – ECON 21030 4 – Econometrics – Instructor Francesco Ruggieri

Number Enrolled: 19

Number of Responses: 11

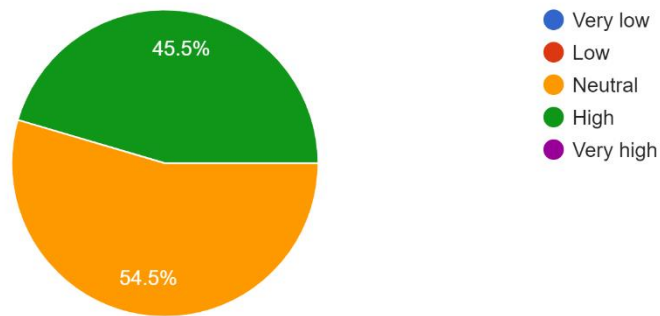
Why did you choose to take this course? (select all that apply)

11 responses



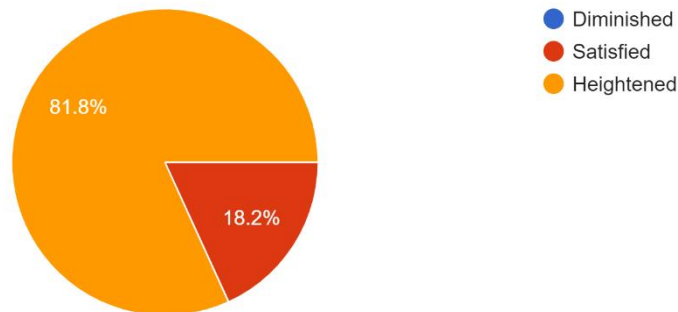
Prior to starting this class, your interest level was?

11 responses



Now that this class is over, your interest is?

11 responses



What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

11 responses

- causal model, linear regression, statistical inferences
- Linear regression, instrumental variables.
- Linear regression, Causal model
- Statistical and empirical analysis/regressions and linear models/instrumental variables
- Understanding statistical concepts and linear regression in a more rigorous fashion.
- Linear Regression and Instrumental Variable
- Probably the most applicable is learning about confounding variables, and when to assume causality.
- basic econometrics methods, statistics intuition
- It was really good to get into the abstracts of the theory. Francesco really went deep into the topics. Linear regression, as well as a heightened understanding and knowledge of useful statistical methods will probably be super useful in research and academics in the future!
- statistical intuition and theory behind linear regression as best approximation to conditional expectation, and the relationship of three cases of causal models with regression, difference between causal model vs statistical regression
- I think for me the most important things I learned were actually pretty basic statistical things, like bias/consistency of estimators, $\text{var}(x+y) = \text{var}(x) + \text{var}(y) + 2 \text{cov}(x,y)$, power of tests, etc. I've taken a bunch of stat electives here and somehow that stuff is never covered.

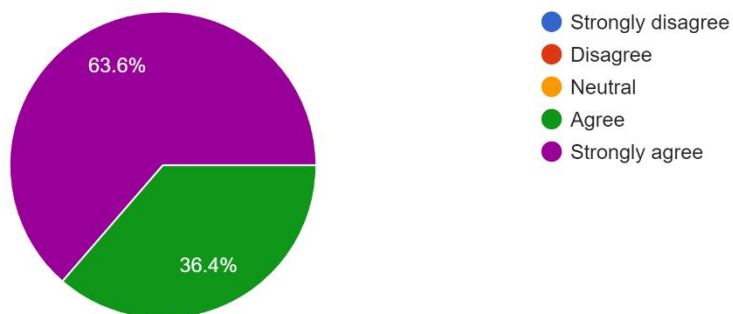
Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

11 responses

- Francesco and Federico were both incredibly helpful in class and office hours
- Everything in the course is well-organized. Lectures are very clear, problem sets cover materials that complement the lectures, and exams are at reasonable difficulty.
- Everything. lectures, lecture notes, homework, exams
- Lectures were very useful.
- The lectures were excellent. The course notes provided a nice, concise overview of what was taught in class. Both Francesco and Federico held very helpful office hours.
- The problem sets, although very long and sometimes pretty hard, were a great way to understand and apply the theory.
- Lectures covered most material. Psets were when we proved some further things to drive some points home. We also practiced some mechanical stuff there too (t tests) Discussion sections would also prove further things. Unlike most classes where discussion is just review.
- Lecture notes are super helpful, and lectures are a good aid to lecture notes where I learned about an outline of ideas in lecture and find detailed reference from lecture notes. The psets are great opportunities to test the understanding and good with preparing for the finals.
- Office hours were so helpful, and a great way to connect with both the instructor and TA. The topics were well explained in lectures, but having so much time to ask about any confusions was crucial to my learning in the course.
- the lectures are very very clear, and the assignments are appropriate for supplementing lecture material, and the deliberate action of setting difficult questions for us to ask in office hours and discuss with classmates was immensely helpful
- The lectures were awesome, and were where I learned most of the important material. The assignments were super brutal, and to be honest I'm not totally sure how much they helped reinforce concepts vs how much they just made me slam my head against math for several hours a week but at the very least I got better at that. Either way, I learned a bunch.

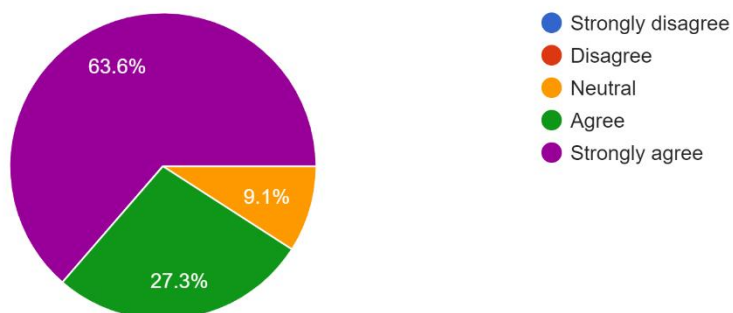
The instructor provided a syllabus that allowed you to plan your learning and study time effectively.

11 responses



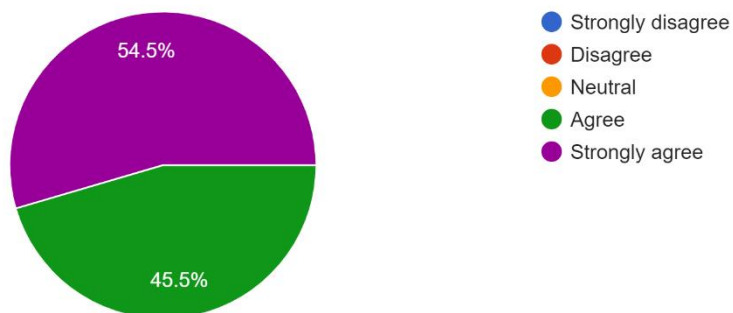
The instructor explained clearly the course objectives and expectations.

11 responses



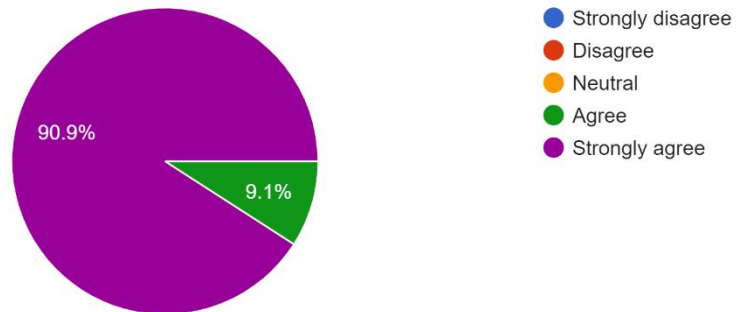
The instructor stimulated your interest in the core ideas of the course.

11 responses



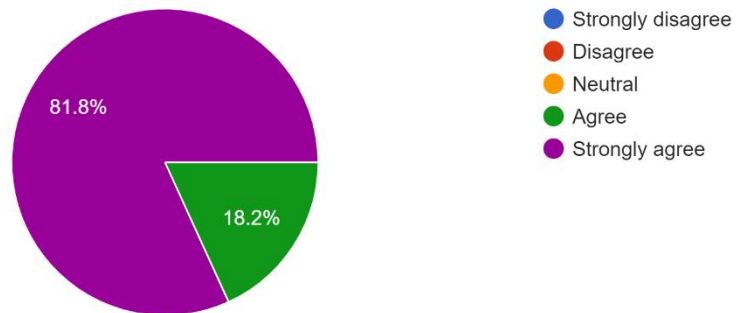
The instructor was available and helpful outside of class.

11 responses



Overall, the instructor made a significant contribution to your learning.

11 responses



What aspect of the instructor's teaching contributed most to your learning?

11 responses

- Great notes and practice material, always helpful in office hours
- Francesco is the clearest instructor that I have ever had in this school. He seems to have the talent to explain the theory at an intuitive level. The lecture notes are also very detailed and helpful.
- Everything
- I think Francesco is one of the best, most helpful instructors I have had in any econ classes here. Lectures, lecture notes and office hours were all very helpful and well constructed.
- Francesco had excellent lectures, was very passionate about the subject, and really wanted to help students succeed--this combination made for an excellent instructor.
- I think the precision and attention to detail was key. The consideration for theory made the class even harder than it already was, but I am sure it helped us learn and understand better.
- Making the material quite difficult and pushing us. Caring a lot about the theory made it difficult. Psets were never straightforward too. Through that I learned more, though.
- Francesco is great at responding to emails, and that's very helpful when I can't make it to office hours, etc. In general Francesco does a good job with explaining the sometimes not intuitive concept.
- As I said above, being able to ask questions in the may office hours that were offered was very useful. Furthermore, I appreciated the focus on connecting the abstract theory and then doing projects on samples (more hands on) suited me perfectly.
- Step-by-step deduction of math/stats intuition was very helpful in understanding why we did everything, and Francesco did that really well.
- Francesco gives really clear lectures with very nice examples, and if anything isn't clear to anyone he's awesome at answering questions.

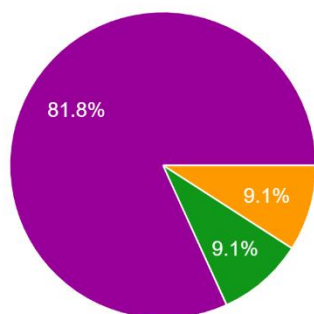
What could the instructor modify to help you learn more?

11 responses

- There were no annotations made to the actual homework assignments, so I could not look back at where exactly points were taken off from
- Nothing really. Indeed I hope that Francesco could record some videos on topics that we do not have time to cover (due to the shortened quarter). But overall the instructor is very kind and helps everyone to learn.
- No need
- N/A. I think maybe questions could be a little more clearly worded on the exams, as I misunderstood some stuff on both midterm and final that cost me some points, but that might just more be me misunderstanding than an actual issue.
- Provide additional resources outside of lecture notes to learn more about topics we are working on in class
- Offer more applied examples in lecture, because those tended to be very helpful but also pretty rare.
- Maybe against his philosophy, but having more of an emphasis on the second half of the course, which is how to practically design, run, and interpret regressions and causal analysis. Less of the theory in the first half of the course.
- Nothing much - I would say that sometimes explanations during office hours are a little hard to follow because they are pretty theoretical. It would be great if there is reference back to lecture or lecture notes.
- I would have appreciated a little more leniency in grading, just because of the stress it caused.
- Maybe providing codes in R too? Since R is free and easier to approach as a programming language for beginners, many people use it instead of Stata, and to be able to see how efficient codes look like could be very helpful.
- Honestly I think the PSETS/Quizzes were so hard that it might've taken away from my personal experience the class. Like I was really ready to ask my friends who had taken metrics before to help from jump, and I might have struggled through alone/gotten more out of it if I thought I had any chance of success.

How effective were synchronous lectures?

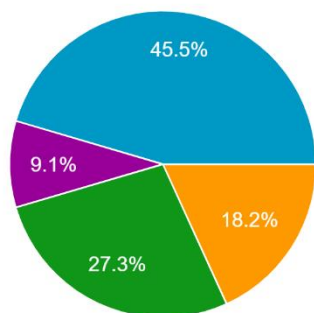
11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

How effective were discussion sections?

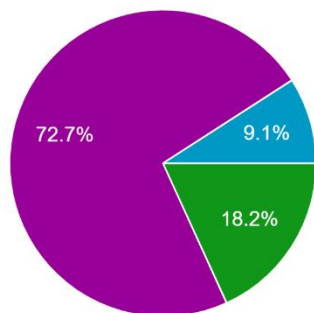
11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

How effective were the instructor's office hours?

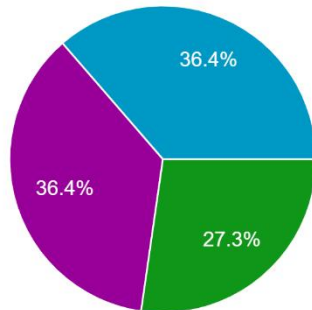
11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

How effective were the TA's office hours?

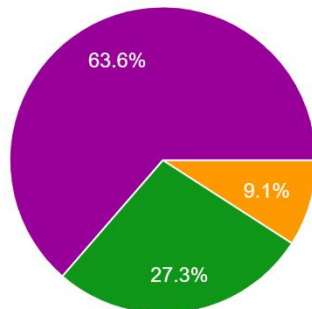
11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

How effective were assignments (problem sets and quizzes)?

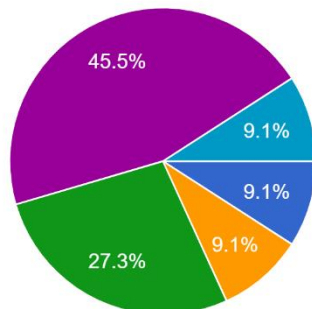
11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

How effective were timed exams?

11 responses



- Very ineffective
- Ineffective
- Neutral
- Effective
- Very effective
- N/A

Please elaborate on the above.

11 responses

- Work was challenging but reasonable, and they were always available to go over material we were unsure of. Had office hours almost every day leading to the final which helped immensely.
- Exams have very reasonable difficulty. Sample exams are helpful.
- N/A
- I think the difficulty level of the exams was appropriate.
- --
- I think one thing is that the problem sets and the midterm and final were too long. I spent a lot of time working every week for the class, and could not finish the exams that actually weighed on the final grade.
- I thought problem sets were fine in terms of learning new material and proving new things, although a little hard. I thought quizzes were unnecessarily tricky and "gotcha". I know absolute scores don't matter but it could be a little annoying when there were problems with edge cases that we had to derive from theory. While it's nice to understand, I felt it was less important than the more practical stuff.
- Assignments are very helpful, and they are evenly spread across the quarter. We also tend to receive relatively timely feedback which helps with planning for exams/further studies.
- I thought the assignments were very useful to increase my understanding and skill in the material. The exams, for me, only caused stress and I did not learn anything by studying for them or taking them.
- I particularly like how the assignments and exams highlighted extra materials supplementary to lectures and actually helped me understand the subject matter better.
- Super hard for me to evaluate how effective the assignments were at this time. I marked NA for discussion sections, I know we had them but I rarely went so I don't feel like I'm a fair judge.

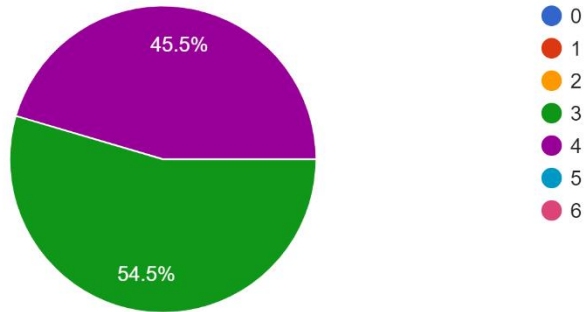
Please describe any element of this course, including specific actions by the instructor, that improved your remote learning experience.

11 responses

- N/A
- Notes that were typed and incredibly thorough
- Lecture notes
- I appreciate lectures being recorded, as I usually could not make it to the live sessions due to me being in a different time zone.
- Francesco put an incredible amount of effort into making this course a great experience--this was manifested in all sorts of ways
- Lectures and assignments were designed for online setting.
- Replying to emails quickly, office hours
- Nothing.
- The large amount of office hours and Francesco and Federico's willingness to answer questions made this experience easier.
- The lectures were amazing and Francesco is awesome at answering questions in class and in office hours. Just overall when Francesco was talking out loud good things were happening.

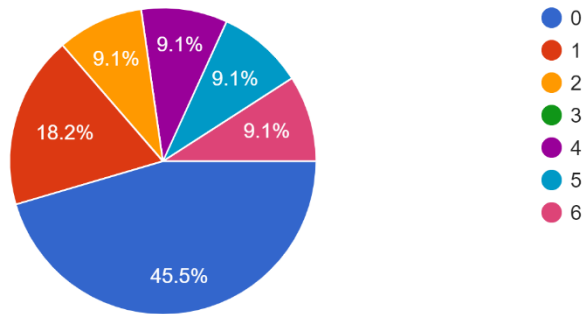
How many hours per week did you spend in lectures for this course?

11 responses



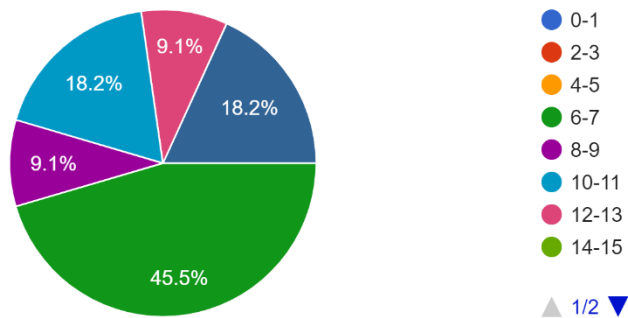
How many hours per week did you spend in other scheduled activities for this course (discussions, etc.)?

11 responses



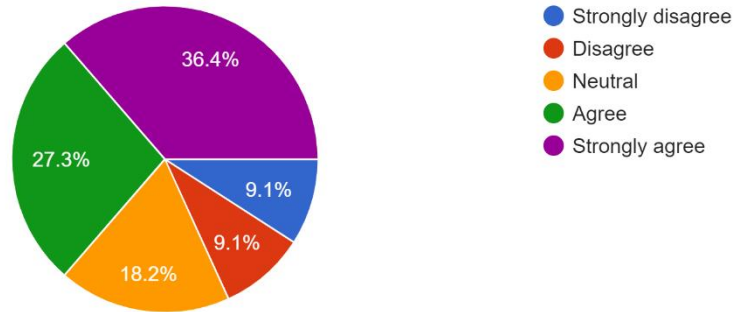
How many additional hours per week did you spend on this course (reading, problem sets, writing, etc.)?

11 responses



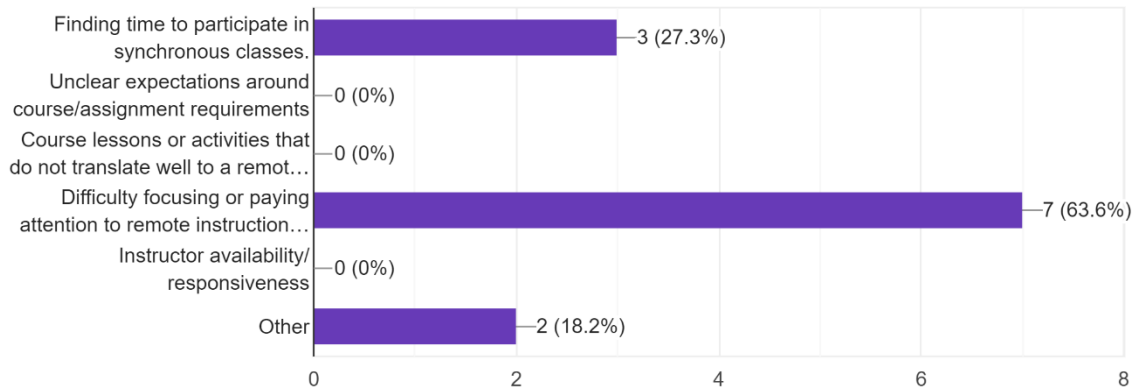
The overall workload of the course was appropriate.

11 responses



Which of the following learning/educational issues continue to be a challenge for you? (check all that apply)

11 responses



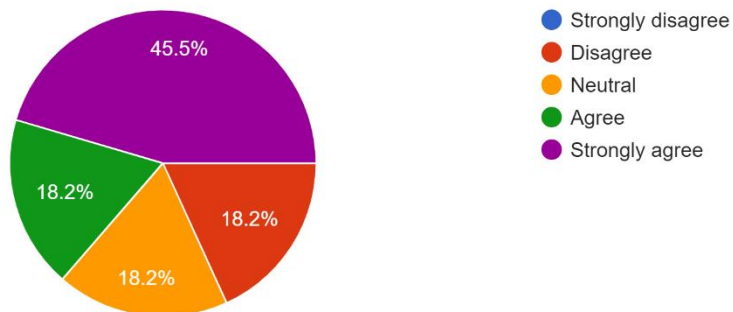
Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

11 responses

- Federico
- Federico Mainardi- helpful during OH
- Provide feedback on HW would be better
- Federico. I watched recordings of some of the discussion sections and they were very useful in understanding some concepts.
- Federico Mainardi did an excellent job as TA.
- Federico was great.
- Federico Mainardi
- Federico. He was very helpful in terms of clarifying concepts, answering questions regarding the assignment, and highlighting things to work on in the assignment feedbacks. If his handwriting could be more intelligible that would be better. Also, if individual score breakdown could be given for assignments that would be very helpful.
- Federico Mainardi. Federico was great. I learned a bunch from the discussion sections I watched.

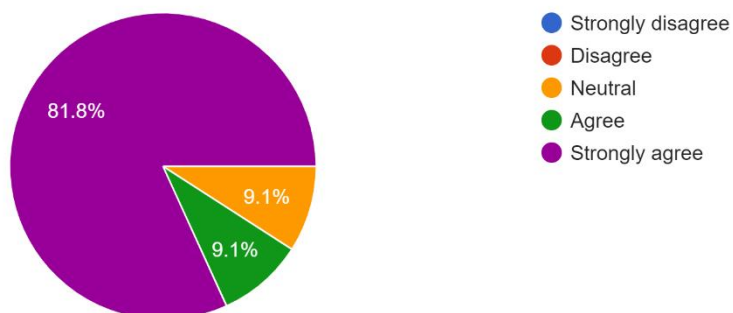
The assignments in the course were reasonable.

11 responses



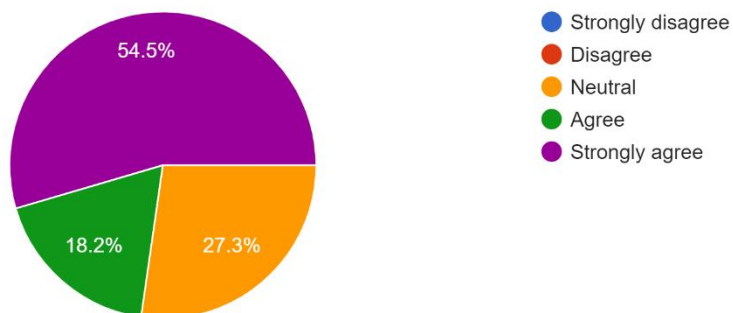
The assignments and classroom activities served the course objectives.

11 responses



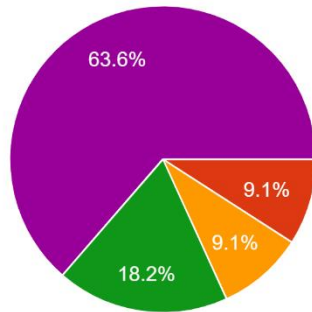
Instructor's feedback/comments on your assignments were clear, specific, and helpful.

11 responses



Assignments were returned to you in a timely manner.

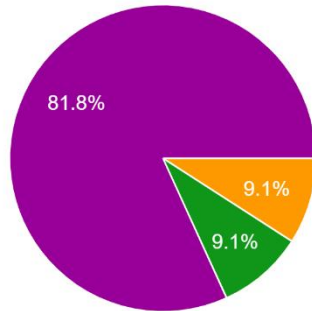
11 responses



- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

The class met regularly, on time, and for the entire period.

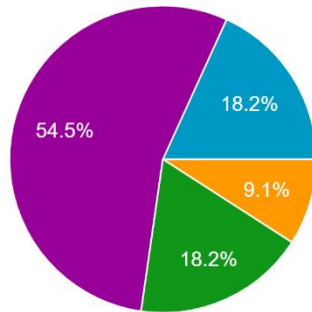
11 responses



- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

You were prepared for classes and attended regularly.

11 responses



- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree
- N/A